

TRANSLATION OF CITATION 1 (JP No. S60-164859)

[Constitution of the invention]

According to the present invention, local computers installed at regional departments to constitute a distributed processing computer system are provided with local password databases respectively, while a host computer that centrally controls all the local computers is equipped with a host password database that has control over all the local password databases, and a password is registered from an arbitrary terminal coupled to the system in the host password database and a designated local password database, and is commonly managed by both the databases.

[Embodiment]

Next, an embodiment of the present invention will be explained with reference to the attached drawing. Fig. 1 is a block diagram indicating an embodiment of the present invention, wherein host computer 1 is connected with a plurality of local computers (21 - 2n) by data links (31 - 3n) respectively.

The host computer 1 is equipped with a password registration management function and is further provided with host password database 4 and host terminal 6. On the other hand, the local computers (21 - 2n) are provided with local password databases (51 - 5n) and local terminals (71 - 7n) respectively.

Next, an operation of the embodiment having the above-described configuration will be explained below.

When a request for registration of a new user is made from the local terminal 71, the local computer 21 invokes a password registration management function of the host computer 1 via the data link 31. The password registration management function is to register a password input from the local terminal 71 in the host password database 4 and subsequently in the local password database 51. As is described above, by invoking the password registration management function of the host computer 1, passwords of all the users to be registered from the other local terminals (72 - 7n) are registered in the host password database 4 and also in the local password databases (52 - 5n) connected to the local computers (22 - 2n), which the users are authorized to access. Registration of a password from the host terminal 6 may be conducted by the same procedure as described above.

When users access the local computers (21 - 2n) from the local terminals (71 - 7n), the passwords input by the users may be checked against the local password

databases (51 - 5n), whereby it can be determined quickly, without checking the passwords against the host password database 4, whether to authorize the access.

On the other hand, a system administrator can check the passwords of the entire system in real time by accessing the host password database 4 without directly accessing each of the local databases (51 - 5n) from the host terminal 6.

When a need to change a password arises as a result of personnel relocation, reorganization, unauthorized access or the like, a password registration management function is invoked from the host terminal 6.

By changing the passwords of the local password databases (51 - 5n) after the password of the host password database 4 has been changed by the password registration management function, a match between the contents of the host password database 4 and those of the local password databases (51 - 5n) can always be found.